

Serial No. 10/621,129  
67,008-070  
8-3668

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**DEC 03 2004**

Applicant: Yuriy Gmirya                      Group Art Unit: 3681  
Serial No.: 10/621,129                      Examiner: Le, David D.  
Filed: July 16, 2003  
Title: **SPLIT-TORQUE GEAR BOX**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Sir:

This paper is responsive to the Office Action mailed on 09-09-2004. Please amend the application in the following particulars.

**CERTIFICATE OF FACSIMILE**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, (703) 872-9306, on December 3, 2004.

  
Beth A. Beard

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application. *Kish*, although effective, provides rigid precisely machined gear interfaces. The only gear movement *Kish* discloses is the relative axial movement between gears 116L/R and 114L/R in response to movement between the double helical bull gear 108 and the double helical bull pinions 118L/R. This is why gears 116L/R and 114L/R are spur gears - to permit axial movement therebetween. That is, pinion gear 114L/R must be radially supported and the axis of rotation cannot be displaceable within an envelope of any type. Furthermore, contrary to the Examiner's position, gear 114L/R is not a "floating pinion" as gear 114L/R are fixed axially and radially because they must receive power from shafts 104L/R, which are connected to a gas turbine.


New claims 20-27 recite further features of the present invention which are neither disclosed nor suggested by the cited references and are thus properly allowable.

Please charge \$108.00 to Deposit Account No. 50-1482, in the name of Carlson, Gaskey & Olds, for 6 claims in excess of 20. If any additional fees or extensions of time are required, please charge to Deposit Account No. 50-1482.

Applicant respectfully submits that this case is in condition for allowance. If the Examiner believes that a teleconference will facilitate moving this case forward to being issued, Applicant's representative can be contacted at the number indicated below.

Respectfully Submitted,

CARLSON, GASKEY & OLDS, P.C.

  
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Dated: December 3, 2004

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